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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application No.	09/886,459
Filing Date	June 20, 2001
First Named Inventor	Kenneth Hines
Art Unit	2122
Examiner Name	Kuo Liang J. Tang

Total Number of Pages in This Submission	7	Attorney Docket Number	42390P18904

ENCLOSURES *(check all that apply)*

- ☒ Fee Transmittal Form
  - ☒ Fee Attached
- ☐ Amendment / Response
  - ☐ After Final
  - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
  - ☐ PTO/SB/08
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
  - ☐ Basic Filing Fee
  - ☐ Declaration/POA
  - ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s)

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) *(please identify below):*

  return postcard

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Gregory D. Caldwell, Reg. No. 39,926 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	August 25, 2004

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Typed or printed name	Gayle M. Bekish		
Signature	Gayle B	Date	August 25, 2004

Based on PTO/SB/21 (04-04) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 06/04/2004.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

FEE TRANSMITTAL
for FY 2004
Effective 01/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT	($)	180.00

Complete if Known

Application Number	09/886,459
Filing Date	June 20, 2001
First Named Inventor	Kenneth Hines
Examiner Name	Kuo Liang J. Tang
Art Unit	2122
Attorney Docket No.	42390P18904

METHOD OF PAYMENT *(check all that apply)*

☒ Check   ☐ Credit card   ☐ Money Order   ☐ Other   ☐ None
☐ Deposit Account

Deposit Account Number: **02-2666**

Deposit Account Name: **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to: *(check all that apply)*

☐ Charge fee(s) indicated below   ☒ Credit any overpayments
☒ Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) ($)

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	___ - 20** = ___	x ___ =	
Independent Claims	___ - 3 = ___	x ___ =	
Multiple Dependent		=	

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple Dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($)

**or number previously paid, if greater, For Reissues, see below*
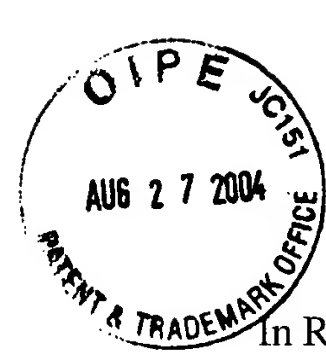
FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for *ex parte* reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1404	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	1809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) ($) 180.00

SUBMITTED BY

Name (Print/Type)	**Gregory D. Caldwell**	Registration No. (Attorney/Agent)	**39,926**	Telephone	(503) 439-8778
Signature				Date	08/25/04

Complete (if applicable)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

KENNETH HINES

Application No.: 09/886,459

Filed: June 20, 2001

For: **Data Structure and Method for Detecting Constraint Conflicts in Coordination-Contric Software Systems**

Art Group: 2122

Examiner: Kuo Liang J. Tang

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

It is hereby stated that no item of information contained in the Information Disclosure Statement was cited in a patent office in a counterpart application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual associated with the filing or prosecution of the subject application more than three months prior to the filing of the Information Disclosure Statement.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: August 25, 2004

Gregory D. Caldwell, Reg. No. 39,926

12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (503) 439-8778

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Gayle M. Bekish

08-25-04

Date

-2-

42390P18904

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	09/886,459
Filing Date	June 20, 2001
First Named Inventor	HINES, Kenneth
Group Art Unit	2122
Examiner Name	TANG, Kuo Liang
Attorney Docket No: 42P18904	

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-5,581,691	12/03/1996	HSU, ET AL.	395	182.13	08/18/1995
	US-5,794,046	08/11/1998	MEIER, ET AL.	395	704	06/05/1997
	US-5,819,270	10/06/1998	MALONE, ET AL.	707	7	
	US-5,870,588	02/09/1999	ROMPAEY, ET AL.	395	500	10/23/1996
	US-5,920,717	07/06/1999	NODA, ET AL.	395	701	12/18/1996
	US-6,052,527	04/18/2000	DELCOURT, ET AL.	395	705	02/10/1998
	US-6,083,281	07/04/2000	DIEC, ET AL.	717	128	11/14/1997
	US-6,125,392	09/26/2000	LABATTE, ET AL.	709	224	10/11/1996
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T²

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No [1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		BARRETT, et al., "A framework for event-based software integration", ACM Transactions on software engineering and methodology, 5(4), (1996),378-421	
		BORNING, A , et al., "CLASSES VERSUS PROTOTYPES IN OBJECT-ORIENTED LANGUAGES", FALL JOINT COMPUTER CONFERENCE, (1986),	
		CHOU, P , "CONTROL COMPOSITION AND SYNTHESIS OF DISTRIBUTED REAL-TIME EMBEDDED SYSTEM", PH.D. THESIS, UNIVERSITY OF WASHINGTON, (1998),	
		CIANCARINI, P , "COORDINATION MODELS AND LANGUAGES AS SOFTWARE INTEGRATORS", ACM COMPUTING SERVEYS, 28(2), (1996),300-302	
		DELINE, R , "AVOINDING PACKAGING MISMATCH WITH FLEXIBLE PACKAGING", PROC. INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING, (1999),97-106	
		GELERNTER, D , et al., "COORDINATION LANGUAGES AND THEIR SIGNIFICANCE", COMMUNICATIONS OF THE ACM, 35(2), (1992),97-107	
		GELERNTER, D , "GENERATIVE COMMUNICATION IN LINDA", ACM TRANSACTIONS ON PROGRAMMING LANGUAGES AND SYSTEMS, 7(1), (1986),	
		GUL, AGHA , "CONCURRENT OBJECT-ORIENTED PROGRAMMING", COMMUNICATIONS OF THE ACM, VOL. 33, NO. 9, (9/1990),125-141	
		HINES, K , "A FRAMEWORK FOR EMBEDDED SYSTEM CO-SIMULATION WITH DYNAMIC COMMUNICATION SUPPORT", (1996),	

EXAMINER	DATE CONSIDERED

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known	
Application Number	09/886,459
Filing Date	June 20, 2001
First Named Inventor	HINES, Kenneth
Group Art Unit	2122
Examiner Name	TANG, Kuo Liang
Attorney Docket No: 42P18904	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No [1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		LIEBERMAN, H , "USING PROTOTYPICAL OBJECTS TO IMPLEMENT SHARED BEHAVIOR IN OBJECT ORIENTED SYSTEMS", OOPSLA '86 PROCEEDINGS, (1986),	
		RUSSELL, D L., "State restoration in systems of communicating processes", IEEE Transactions of software engineering, vol. SE-6, No. 2, (1980),183-194	
		SELIC, B , "USING UML FOR MODELING COMPLEX REAL-TIME SYSTEMS", (1998),246-256	
		TALLMAN, O , et al., "COM VERSUS CORBA: A DECISION FRAMEWORK", DISTRIBUTED COMPUTING, (1998),	

EXAMINER	DATE CONSIDERED